

4.000" OD, HWDP, INTEGRAL, STANDARD, 5.000" OD x 2.563" ID, DPM-ST39

## HEAVY WEIGHT DRILL PIPE BODY

Nominal OD (in)	4.000
Nominal ID (in)	2.563
Pipe Grade	AISI 4137
Heavy Weight Type	STANDARD
HWConstruction	INTEGRAL
Pipe Wall Thickness (in)	0.719
Cross Sectional Area of Pipe Body (in <sup>2</sup> )	7.407
Cross Sectional Area OD (in <sup>2</sup> )	12.566
Cross Sectional Area ID (in <sup>2</sup> )	5.159
Section Modulus (in <sup>3</sup> )	5.224
Polar Section Modulus (in <sup>3</sup> )	10.448
Torsional Strength (lbs/ft)	60,296
Tensile Strength (lbs)	889,095
Burst Pressure (psi)	43,894
Collapse Pressure (psi)	35,376

## HEAVY WEIGHT DRILL PIPE CONNECTION

OD (in)	5.000
ID (in)	2.563
Pin Tong Length (in)	20.00
Box Tong Length (in)	21.00
Connection	DPM-ST39
Torsional Strength (lbs/ft)	36,224
Tensile Yield Strength (lbs)	693,512
Minimum Make-up Torque (lbs/ft)	18,100
Maximum Make-up Torque (lbs/ft)	25,400
Tool Joint/Drill Pipe Torsional Ratio (New)	0.60
Balanced OD	5.024

## HEAVY WEIGHT DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.39
Closed End Displacement (gal/ft)	0.65
Fluid Capacity (gal/ft)	0.27
Drift Size (in)	2.375
Adjusted Weight (lbs/ft)	28.99
Internal Plastic Coating	TK34
Hardbanding	TCS8000

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